



MANUFACTURERS OF  
**ELECTRICAL INSULATION MATERIALS**  
 INSULATING COMPONENTS FOR  
 POWER SYSTEMS EQUIPMENT

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## MATERIAL DATA SHEET

**Item:** Glass Epoxy Laminate Grade Vetronite

**Description:** Glass Epoxy Laminate is a single layer glass cloth impregnated with a Class F epoxy resin with a B-stage coating on 1 or 2 sides. Vetronite material is used primarily for turn insulation in power generation equipment.

**Availability:** Laminate Sheets: Thickness: English units: 0.008"-.118" SI Units: .2mm-3mm  
 Rolls: Custom Upon Request

**Fabricated Parts:** The Gund Company custom fabricates insulation materials to the exact specifications and drawings of our customers.

Key Characteristics:	Test Method	Units - English (SI)	Typical Values
Density	ISO1183	lbs/in <sup>3</sup> (g/cc)	124.9(3,457)
Tensile Strength(lengthwise)	ISO527	psi(MPa)	43,500(300)
Compressive Strength(lengthwise)	ISO604	psi(MPa)	58,000(400)
Flexural Strength(lengthwise)	ISO178	psi(MPa)	29,000(200)
Shearing Strength	NFC26.150	psi(MPa)	20,300(140)
Comparative Tracking Index	IEC112	V	400

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